

ABSTRACT OF THE DISCLOSURE

A magnetic tape drive has a servo head for performing the tracking control and a head unit. The head unit includes a
5 recording head group composed of a plurality of recording heads, which are lined up along the width directions with respect to a magnetic tape. In this head unit, the distance between the recording heads is the same distance as the distance between adjacent data tracks to be formed on the magnetic tape, and the
10 azimuth angle of each recording heads differs with each other. A plurality of data tracks are simultaneously formed on the magnetic tape using a plurality of recording heads, respectively, when performing the recording of data on the magnetic tape.

15